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A view of Vermont Yankee from the air. REFORMER FILE PHOTO

Vermont Yankee sale to NorthStar completed

Posted Friday, January 11, 2019 6:09 pm

By Susan Smallheer, Brattleboro Reformer

VERNON — In the end, Vermont Yankee nuclear power plant sold for a symbolic and nominal \$1,000.

Plus its \$506 million decommissioning trust fund.

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USA Nuclear Decommissioning | A Change in Perspective

From

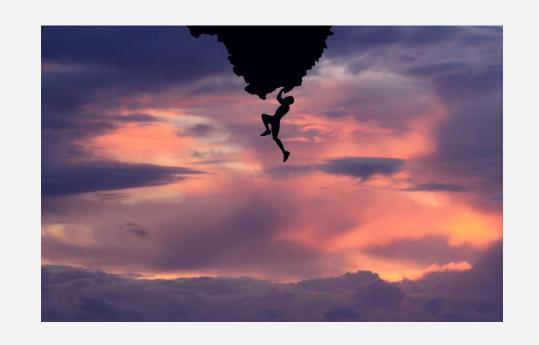
Billions of liability

A traditional service contract

Delayed decom

60 years of activity

A project by project approach



To

Billions of revenue

Permanent license (& liability) transfer

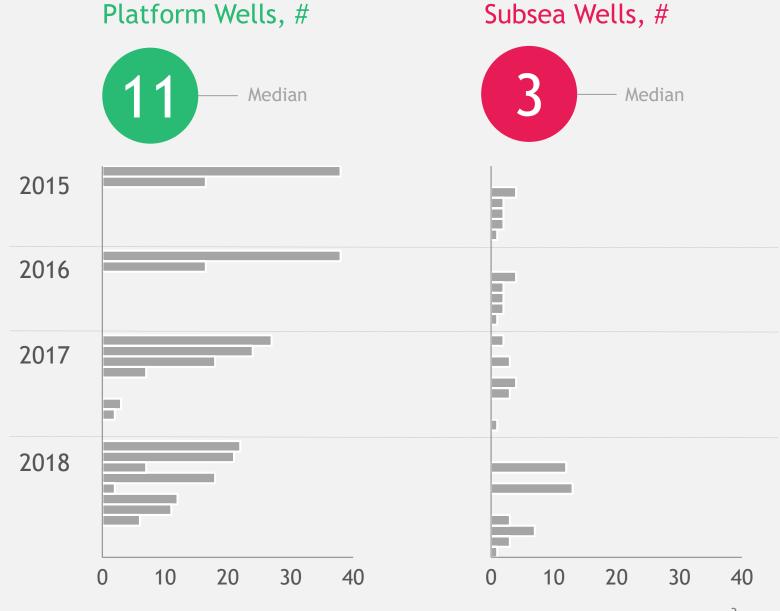
Accelerated decom

<10 years of activity

A fleet management approach

UK Offshore Well P&A

Much Activity Is Fragmented

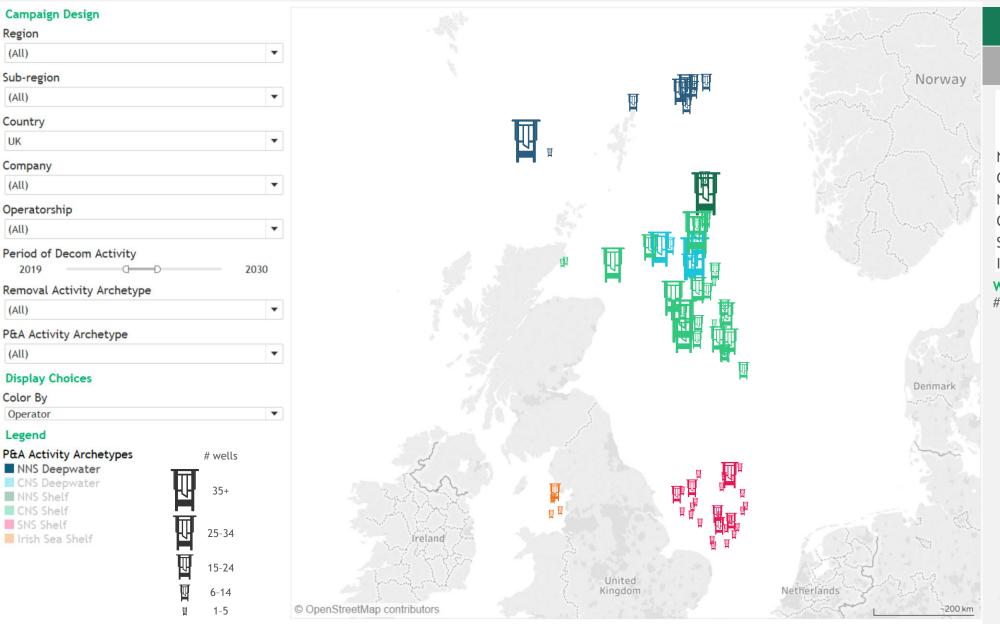


Note. Each horizontal line represents an operator's well P&A activity in year Source: OGA



BCG Decommissioning Tool

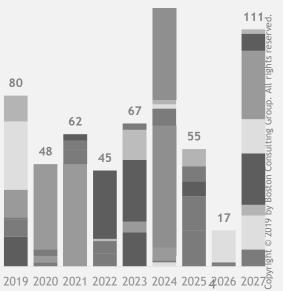






Estimated Spend, \$M Wells, # NNS Deepwater 1,500 100 **CNS Deepwater** 1,400 100 **NNS Shelf** 500 50 **CNS Shelf** 5,300 400 SNS Shelf 800 100 Irish Sea 100 < 50

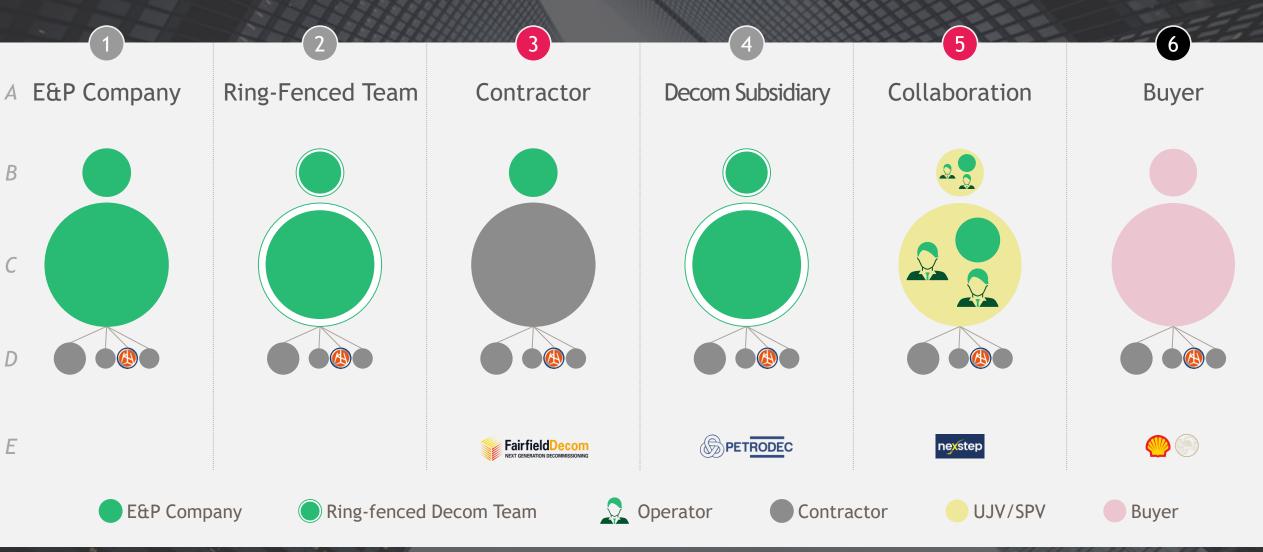
Well P&A Activity Timeline # Wells



121

⊞ Timeline

We Need Innovative Models To Decom At Scale



We evaluated each model across five criteria



Risked Value Potential



Strategic Rationale



Control & Optionality



Risk Exposure



Effort & Timeline to Setup

How do these models compare?

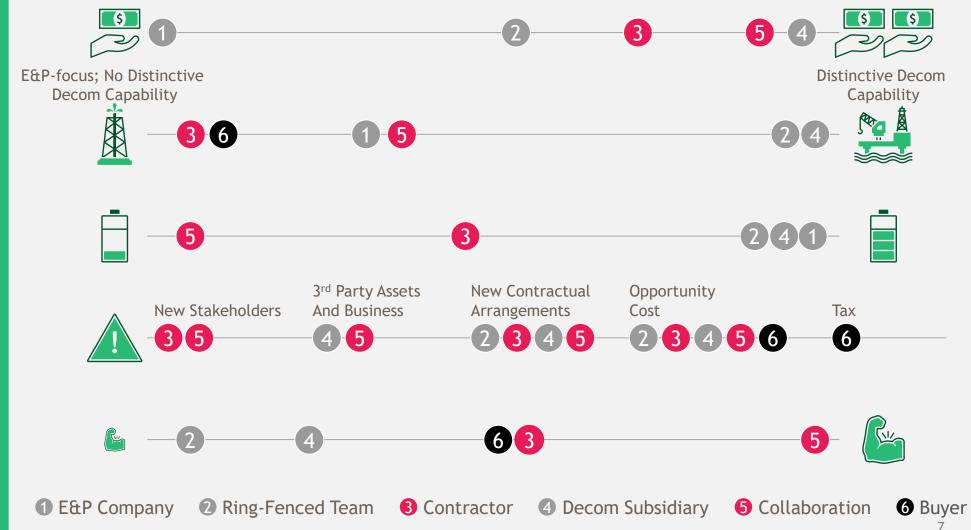
Risked Value Potential

Strategic Rationale

Control & Optionality

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Effort & Timeline to Setup



Note: Example analysis with a leading operator in the North Sea. Model names refer to entity who operates

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UK O&G decommissioning | Where do we need to head?

From

Excellent projects but fragmented activity

Non-specialist teams and equipment

An organizational context not adapted to decom



To

Incentives to decommission at scale

Executive level partnerships between operators and specialist contractors

Investment to develop fit for purpose capability

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